

AN 1976:94128 HCAPLUS
 DN 84:94128
 TI High-strength and high-conductive electric conductor **copper**
 alloy
 IN Ueyama, Norihiko; Yuzawa, Giichi; Hirano, Yasuaki
 PA Furukawa Electric Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 2 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 50077216	A2	19750624	JP 1973-127008	19731112
PRAI	JP 1973-127008	A	19731112		

AB The Cu alloy contains 0.50-1.0 Sn and 0.10-0.50 Ag and is useful for high tension wire or conductors. Thus, a Cu alloy [58354-32-8] ingot containing 0.8 Sn and 0.2% Ag was drawn to 10 mm diameter at 800-850°, heat treated 1 hr at 650°, and cold drawn to 1.0 mm. The properties were tensile strength .apprx.69 kg/mm2 and elec. conductivity .apprx.59% IACS.